

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 8/29/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NW19-92
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

area is mown; ditch construction

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>North of GRISA and east of Romeo</i>
2.				
3.				
4.				
5.				
= Total Cover				Other Notes <i>- shallow shallow</i> <i>- culvert at west end appears inactive</i> <i>- Redox dark surface</i> <i>- F6</i> <i>- Geomorphic position</i> <i>- FPC Neutral</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
= Total Cover				<i>- Large culvert flowing north with water standing but disconnected from swale</i>
Herb Stratum				
1. <i>Phalaris arundinacea</i>	<i>X</i>		<i>F6W</i>	
2. <i>Cyrtus sulcatus</i>			<i>DBL</i>	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
= Total Cover				<i>Pics 4:55pm</i>
Wood Vine Stratum				
1.				
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/30/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SAW19-93
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

*Stockpile Ditch @ base of pile
constructed swale*

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>along Stockpile outside west perimeter road</i>
2.				
3.				
4.				
5.				
Sapling/Shrub Stratum			= Total Cover	Other Notes <i>- Gleyed matrix</i> <i>- geomorphic position</i> <i>- FAC - Neutral</i> <i>- saturation in soil profile</i>
1.				
2.				
3.				
4.				
Herb Stratum			= Total Cover	<i>- disconnected from adjacent further west</i>
1.	<i>Typha angustifolia</i>	X	OBL	
2.	<i>Sagittaria arifolia</i>	X	OBL	
3.	<i>Lythrum salicaria</i>		OBL	
4.	<i>Juncus nodosus</i>		OBL	
5.	<i>Cyperus esculentus</i>		FAEW	
6.	<i>Elymus obdus</i>	X	OBL	
7.	<i>Echinocloa crus-galli</i>		FAEW	
8.				
9.				
10.				
Wood Vine Stratum			= Total Cover	
1.				<i>Pics 11:45</i>
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)
Leporella

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD)

City/County: DuPage/Cook

Sampling Date: 8/30/19

Applicant/Owner: City of Chicago

State: Illinois

Wetland #: SW19-94

Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range:

NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Swale construction

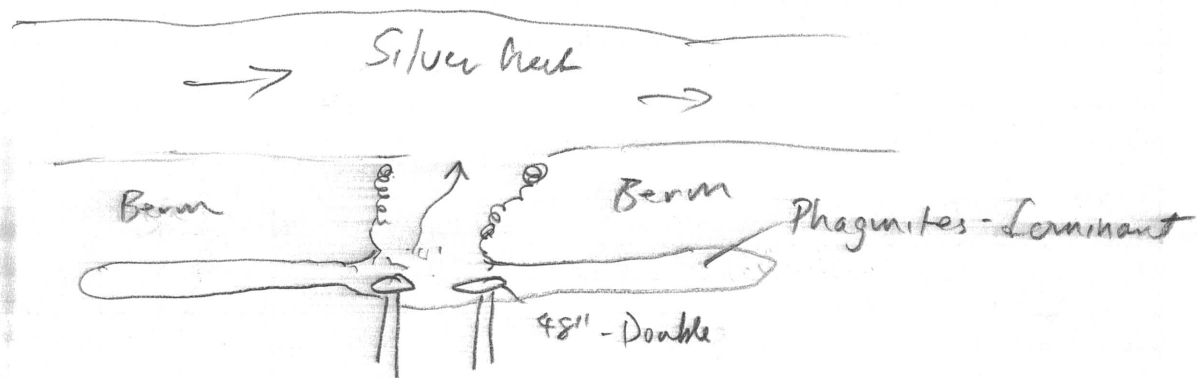
Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				- Ditch associated w/ Silver Creek
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes West side - Depleted marsh East - Redox dark surface - geomorphic position - FFA Overhead
Sapling/Shrub Stratum				
1.				
2.				
3.				
			= Total Cover	Swale - east - dominated by Phragm - gets some seepage from stockpile on east side - Primarily drainage swale from the two sides of the double culvert, along stockpile and berm for Silver Creek
Herb Stratum				
1.				
2. <i>Phragmites australis</i>	X		OBL	
3. <i>Lythrum salicaria</i>			OBL	
4. <i>Salix</i> sp.				
5.				
6. West				
7.				
8. <i>Phalaris arundinacea</i>	X		FAEW	
9. <i>Lythrum salicaria</i>			OBL	
10. <i>Cyperus esculentus</i>			FAEW	
11.				
12.				
			= Total Cover	Pres 2:50
Wood Vine Stratum				
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

- Erosion and slumping downstream of culverts
- Rip-rap armoring at head of culverts down to Creek
- on west side, rip-rap check dam constructed about 500 yds to west - veg does not connect to that ended boundary at change in veg and soils.



Shallow snodes along base of stockpile, boundary at toeslope of
stockpile on south and berm on north

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/18/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-95
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____

NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

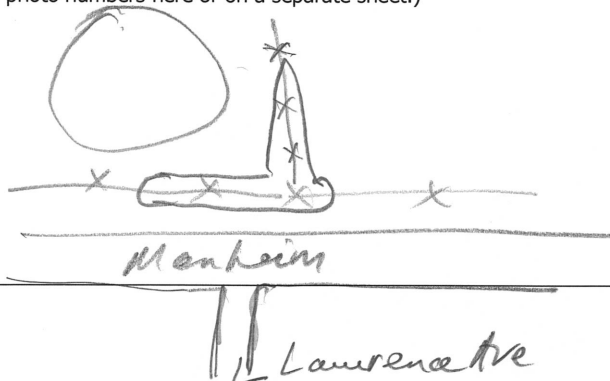
Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

*Regulation
EPS 01-1E*
*(replace) corrects
NE19-41
NE41 problem*

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>Shallow swale running along pavement area w/fences near Ave Bldg</i>
2.				
3.				
4.				
5.				
Sapling/Shrub Stratum			= Total Cover	Other Notes <i>- saturation</i> <i>- fences split wetland</i>
1.				
2.				
3.				
4.				
Herb Stratum			= Total Cover	
1.	<i>Phragmites australis</i>	X	FAOW	
2.	<i>Solidago sempervirens</i>	X	FAOW	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
Wood Vine Stratum			= Total Cover	<i>Pics 3:50-4:00</i>
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)



WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/9/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-97
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☐, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

most of ditch is worn; construction of road and parking area.

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>Road side ditch along Mannheim; flows to Crystal Creek</i>
2.				
3.				
4.				
5.				
= Total Cover				Other Notes <i>- Rip-rapped at entrance to Crystal Creek</i> <i>- narrow drainage ditch to channel parking lot flows</i> <i>- 24" culvert @ east</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
= Total Cover				<i>- Redox dark surface @ western end @ middle</i> <i>- wetlands out to 12-15ft towards east.</i> <i>- algal mats @ east end</i>
Herb Stratum				
1. <i>Solidago Sempervivens</i>			FACW	
2. <i>Rumex crispus</i>			FAC	
3. <i>Cyperus esculentus</i>	X		FACW	
4.				
5. <i>Phalaris arundinacea</i>	X		FACW	
6. <i>Typha angustifolia</i>			OBL	
7. <i>Lythrum salicaria</i>			OBL	
8. <i>Hordeum jubatum</i>			FAC	
9. <i>Echinochloa crus-galli</i>			FACW	
10. <i>Suaeda calceoliformis</i>			FACW	
11.				Pizz 4:15
= Total Cover				
Wood Vine Stratum				
1.				
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/9/2019
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE 19-98 ditch
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

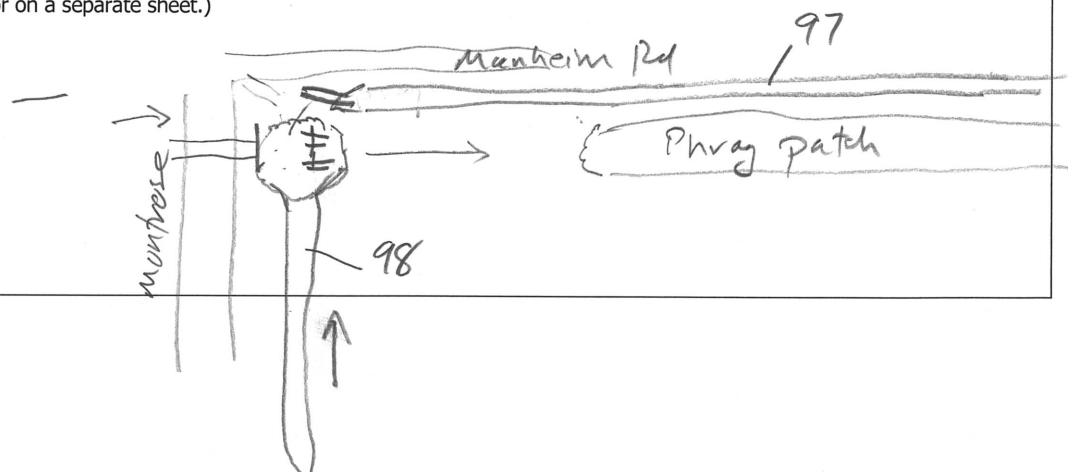
rip rap @ culvert end

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				Roadside ditch ⊥ to # 97 along Montrose Ave. Drains via culvert to S into another ditch W of # 97 2 culverts @ east end
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes heavily riprap @ culvert end - 97 + 98 are disconnected
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1.		<i>Phragmites australis</i>	Y FACW	
2.				
3.		<i>Hordeum jubatum</i>	FAC	
4.		<i>Lythrum salicaria</i>	OBL	
5.		<i>Juncus dudleyi</i>	OBL	
6.		<i>Solidago sempervirens</i>	FACW	
7.		<i>Eupatorium serotinum</i>	FACW	
8.		<i>Schoenoplectus pungens</i>	OBL	
9.		<i>Distichlis spicata</i>	OBL	
10.		<i>Eleocharis obtusa</i>	OBL	
11.		<i>Typha angustifolia</i>	FACW	
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

depression



WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/10/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-99
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

area mown regularly; swale construction

ADDITIONAL VEGETATION - Use scientific names of plants

		Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
Tree Stratum					<i>A15; swale shallow</i>
1.					
2.					
3.					
4.					
5.					
Sapling/Shrub Stratum		= Total Cover			Other Notes <i>- Redox level surface</i> <i>- geomorphic position</i> <i>- FAC Neutral</i> <i>- deep inlet @ east end.</i>
1.					
2.					
3.					
4.					
5.					
Herb Stratum		= Total Cover			
1.	<i>Eleocharis obtusa</i>			<i>ONL</i>	
2.	<i>Persicaria maculatum</i>			<i>FAC</i>	
3.	<i>Setaria pteryla</i>			<i>FAC</i>	
4.	<i>Cyperus esculentus</i>			<i>FACW</i>	
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
Wood Vine Stratum		= Total Cover			<i>Pis 8:40</i>
1.					
2.					
		= Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/10/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-100
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____

NWI classification: DEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

		Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
Tree Stratum					All - shallow swale in center
1.					
2.					
3.					
4.					
5.					
Sapling/Shrub Stratum		= Total Cover			Other Notes - drop inlet at east end - redox dark surface - Depressed matrix - All
1.					
2.					
3.					
4.					
5.					
Herb Stratum		= Total Cover			Rus 9:20
1.	<i>Persicaria maculatum</i>			FAC	
2.	<i>Persicaria penn</i>	X		FACW	
3.	<i>Eleocharis obtusa</i>			OBL	
4.	<i>Echinodora crus-galli</i>			FACW	
5.	<i>Poa pratensis</i>	X		FAC	
6.	<i>Saturnia pennula</i>	X		FAC	
7.	<i>Carex sp</i>				
8.					
9.					
10.					
11.					
Wood Vine Stratum		= Total Cover			
1.					
2.					
		= Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/10/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SW 19-101
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____

NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Area mown regularly; erosion

ADDITIONAL VEGETATION - Use scientific names of plants

	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
Tree Stratum				<u>AB - very narrow swale to drop inlet</u>
1.				
2.				
3.				
4.				
5.				
Sapling/Shrub Stratum		= Total Cover		Other Notes <u>- Erosion from drainage off of taxiway from west</u> <u>- cut down in place</u> <u>- Depleted matrix</u> <u>- Coenophlyx pothui</u> <u>- FAC Neutral</u> <u>Pics 9:50</u>
1.				
2.				
3.				
4.				
5.				
Herb Stratum		= Total Cover		
1. <u>Echinodorus crassigalli</u>	<u>X</u>		<u>FACW</u>	
2. <u>Cyperus eriantherus</u>	<u>X</u>		<u>FACW</u>	
3. <u>Yersicaria maculata</u>			<u>FAC</u>	
4. <u>Brasenia schreberiana</u>			<u>FACW</u>	
5.				
6. <u>Glyceria (?)</u>				
7.				
8.				
9.				
10.				
11.				
12.				
Wood Vine Stratum		= Total Cover		
1.				
2.				
		= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/10/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SW/9-102
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

*area mown regularly; construction
ru Aug*

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>A3 - shallow swale w/ drop inlet on north end</i>
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes <i>- Depleted Matrix</i> <i>- All - Depleted below</i> <i>- Bare soil in areas due to mowers + erosion</i> <i>- Geomorph position</i> <i>- FAC Neutral</i> <i>- Drainage from taxiway connector from south</i> <i>Pics</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1.		<i>Cyperus exuberans</i>	<i>FACW</i>	
2.		<i>Sporobolus maculatus</i>	<i>FAC</i>	
3.		<i>Hordeum jubatum</i>	<i>FAC</i>	
4.		<i>Echinochloa crus-galli</i>	<i>FACW</i>	
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD)City/County: DuPage/CookSampling Date: 9/10/19Applicant/Owner: City of ChicagoState: IllinoisWetland #: NW9-103Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc

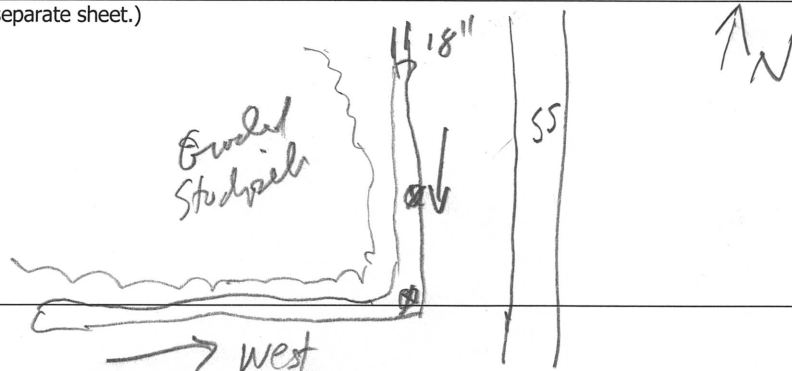
Section, Township, Range: _____

NWI classification: PEM/UPLAre climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?Not known; ditch construction

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland	
1.				Ditch - near Hwy 28 and Stodpulis to west - near future approach for	
2.					
3.					
4.					
5.					
Sapling/Shrub Stratum	= Total Cover			Other Notes 18" culvert at north end 2 deep inlets - one at South end. - one in between - covered w/ silt traps - ~ 3 ft wide	
1.					
2.					
3.					
4.					
Herb Stratum	= Total Cover			- large quantity of silt deposited at culvert end from north. - flows to south end from west along an upland swale	
1. <i>Echinochloa crus-galli</i>	X		FAW		
2. <i>Pennisetum purpureum</i>					
3. <i>Pennisetum polystachyon</i>					
4.					
5.					
6. <i>Eupatorium altissimum</i>			FAW		
7. <i>Helianthus annuus</i>			FAW		
8. <i>Schrodorus arund.</i>			FAW		
9. <i>Trifolium pratense</i>			FAW		
10. <i>Setaria pumila</i>			FAW		
11.					
12.					
= Total Cover					
Wood Vine Stratum	= Total Cover				
1.					
2.					
= Total Cover					

Remarks: (Include photo numbers here or on a separate sheet.)



WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/12/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-105
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

DB; soil deep area

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				Shallow dowl basin Area 13
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes - Disturbed soils - Mixed soil layer about 5" - Closed depression - mostly solid phragmites
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1.	<i>Phragmites australis</i>	X	FACW	
2.	<i>Dipsacaceae locenaxus</i>	X	FACW	
3.	<i>Soledago sempervirens</i>		FACW	
4.	<i>Cyrtanthus salicaria</i>		OBV	
5.	<i>Juncus torreyi</i>			
6.	<i>Juncus dudleyi</i>			
7.				
8.	<i>Fraxinus penns.</i>			
9.	<i>Leucanthemum vulgare</i>		FACW	
10.	<i>Euphorbia serotina</i>			
11.	<i>artisia</i>			
12.	<i>Juniperus</i>			
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				
depression				

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/12/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NEA-106
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

soil dumping area; some rutting

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Pop. deltoides</i>			FAC	Area 13 - small isolated depression near perimeter road
2.				
3. (1 Tree)				
4.				
5.				
			= Total Cover	
Sapling/Shrub Stratum				Other Notes - includes a small area w/ cracked soils and barely vegetated soil on south side - Geographic position - FAC - Neutral - Redox dark surfaces
1.				
2.				
3.				
4.				
			= Total Cover	
Herb Stratum				- Rusty can contribute to pooling water - water-stained leaves - crayfish burrows
1. <i>Proserpinaca australis</i>			FAEN	
2. <i>Lythrum salicaria</i>			OBL	
3. <i>Bidens bipinnata</i>			FAC	
4. <i>Juncus torreyi</i>			FACW	
5. <i>Juncus acutiflorus</i>			FACW	
6. <i>Eupatorium serotinum</i>			FACW	
7. " <i>altissimum</i>			FACU	
8. <i>Dipsosaurus laciniatus</i>			FACU	
9. <i>Poa palustris</i>			FACW	
10.				
11. <i>Symphoricarpos erectus</i>			(FAC)	
12. <i>Panicum virginatum</i>			FAC	
			= Total Cover	
Wood Vine Stratum				RCS 6:0pm
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/13/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-107
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				Bottom M + A1 along Twy G
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes Shedder swale in low spot in infield area Depleted matrix Depleted below dead surface
Sapling/Shrub Stratum				
1.				
2.				
3.				
			= Total Cover	Pic 10:25am
Herb Stratum				
1. <i>Persicaria maculatum</i> x			FACW	
2. <i>Poa pratensis</i>			FAC	
3. <i>RCB</i>			FACW	
4. <i>Sclera pumila</i>			FAC	
5. <i>Cyperus esculentus</i>			FACW	
6. <i>Beard sp. right top</i>			FACW	
7.				
8.				
9.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/13/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE 19-108
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed? area mown; rutting

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<u>Shadow swale @ A2</u> <u>5 remaining</u>
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes <u>Drop cut on east.</u> <u>standing water</u> <u>rain storm previous night</u> <u>Depleted matrix</u> <u>All AEs</u> <u>Geomorphic point</u>
Sapling/Shrub Stratum				
1.				
2.				
3.				
			= Total Cover	<u>FAC Wetland</u>
Herb Stratum				
1.	<u>x</u>	<u>Cyperus aculeatus</u>	<u>FACW</u>	
2.		<u>Poa annua</u>	<u>FAC</u>	
3.		<u>Echinochloa crus-galli</u>	<u>FACW</u>	
4.		<u>Spartina patens</u>	<u>FAC</u>	
5.		<u>Beaked spurge</u>	<u>FACW</u>	
6.				
7.				
8.				
9.				
			= Total Cover	
Wood Vine Stratum				<u>9:40 Pies</u>
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)
depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/16/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-110
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM/PSS

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Soil dumping + earth moving open

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Populus deltoides</i>			FAC	Wetland at base of debris/dump fill slope
2. <i>Rhamnus cathartica</i>			FAC	
3.				
4.				
5.				
			= Total Cover	
Sapling/Shrub Stratum				Other Notes - water likely seeping out at base of fill slope - Wetland NE19-105 on bench above - Debris Matrix -
1. <i>Fraxinus penn</i>			FAEW	
2.				
3.				
4.				
			= Total Cover	
Herb Stratum				- Pipeline along slope and occasionally more Green Ash up as saplings - upland island - Bucktown along east fill slope + south boundary - Some areas of bare vegetated surface - water-stained leaves in bare soil
1. <i>Phragmites australis</i>			FAEW	
2. <i>Bidens bipinnata</i>			FAC	
3. <i>Scirpus perfoliatus</i>			FAEW	
4. <i>Juncus dudleyi</i>			FAEW	
5. <i>Fraxinus penn</i> (41m)				
6. <i>Euthamia gaum.</i>			FAC	
7.				
8. <i>NE Aster</i>			FAEW	
9.				
10.				
11.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/16/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-111
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM/PSS

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

earthmoving activities; rut

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Pop. deltoides</i>	X		FAC	Shallow depression Near gravel road in Area 13
2.				
3.				
4.				
5.				
= Total Cover				Other Notes - Standing water - Geomorphic point bar - FAC-Neutral - Supraterrace - Depleted matrix
Sapling/Shrub Stratum				
1. <i>Fraxinus penn</i> (~1m tall)			FACW	
2. <i>Rhamnus cathartica</i>			FAC	
3.				
4.				
5.				
= Total Cover				
Herb Stratum				
1. <i>Scirpus pendulus</i>	X			
2. <i>Juncus torreyi</i>	X		FACW	
3. <i>Juncus dudleyi</i>				
4. <i>Lycopus americanus</i>			OML	
5. <i>Poa palustris</i>			FACW	
6.				
7.				
8.				
9.				
10.				
11.				
12.				
= Total Cover				Pics 3:10 pm
Wood Vine Stratum				
1.				
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/16/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-112
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: DEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Soil dumping activities

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Fraxinus penn</i>			FACW	
2.				
3.				
4.				
5.				
			= Total Cover	
Sapling/Shrub Stratum				Other Notes
1.				- Throg-dominated wetland
2.				- @ base of debris fillslope
3.				- 1 dead ash
4.				- depression
5.				- Redox dark surface
			= Total Cover	- Geomorphic position
Herb Stratum				
1. <i>Phragmites australis</i>	X		FACW	
2. <i>Eupatorium serotina</i>			FACW	
3. <i>Parthenocissus vitacea</i>			FACW	
4. <i>Cirsium arvense</i>			FACU	
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				
<i>depression</i>				
<i>Pics #30</i>				

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/16/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-113
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PFO

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Area 13 - West side

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Pop. deltoides</i>	X		FAC	- depression at base of debris fill slope on west side
2. <i>Rhamnus cuthbertii</i>	X		FAC	
3. <i>Fraxinus penn</i>	X		FACW	
4.				
5.				
			= Total Cover	Other Notes
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				- Bare vegetated concave surface - Water stained leaves - Red & dark surface - <i>Geomorphia punctata</i> - FAC Neutral
5.				
			= Total Cover	
Herb Stratum				
1. <i>Phragmites australis</i>	X		FACW	
2. <i>Typha angustifolia</i>			OBL	depression area - tree removal from further west at earlier date - much erosion west to west.
3. <i>Rhalaris arundinacea</i>			FACW	
4. <i>Lythrum Salicaria</i>			OBL	
5. <i>Lycopersicon americanum</i>			OBL	
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/17/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SEP-114
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☒ significantly disturbed? area mown; rutting

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				

Other Notes

- Standing water in ruts
 - 2 culverts at east end
 one drains to Crystal
 deer
 another exits into
 from parking lot
 - Depleted matrix

- Water runoff from
 pavement to south
 - Standing water at
 edge of pavement

Pics 5:15

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 7/17/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-115
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Closed; mowing; rutting

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>Closed depression</i> - Small - Near Alliance Ground Bldg / Ground Port
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes - FB Closed depression - Standing water - Little veg w/in standing water
Sapling/Shrub Stratum				
1.				
2.				
3.				
			= Total Cover	
Herb Stratum				
1.				
2.	<i>Echinochloa crus-galli</i> X		<i>FACW</i>	
3.	<i>Persicaria maculatum</i>		<i>FACW</i>	
4.	<i>Rumex crispus</i> X		<i>FAC</i>	
5.	<i>Hordeum jubatum</i> X		<i>FAC</i>	
6.	<i>Echinochloa obtusa</i>		<i>OBL</i>	
7.	<i>Schaerophytus pteropus</i>		<i>OBL</i>	
8.				
9.				
10.				
			= Total Cover	<i>Pics 5:35</i>
Wood Vine Stratum				
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)
closed depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/18/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-119
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Soil dumping area in 80's

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Pop. deltoids</i>	X		FAC	<i>Shallow basin small Area 13</i>
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes <i>standing water</i> <i>perpetual matrix</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <i>Phalaris arundinacea</i>	X		FACW	
2. <i>Juncus torreyi</i>			FACW	
3. <i>Juncus dudleyi</i>	X		FACW	
4. <i>Fragaria virginiana</i>			FACW	
5. <i>Scirpus pendulus</i>				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				<i>ACS 10:50</i>
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/17/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-118
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM/PFO

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☐, or Hydrology ☐ significantly disturbed? mean more

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <u>Pop. deltoides</u>	<u>X</u>		<u>FAC</u>	<u>Shallow depression at base of fall slope for stockpile</u>
2. <u>Salix nigra</u>			<u>OBL</u>	
3.				
4.				
5.				
			= Total Cover	Other Notes <u>- Depleted matrix</u> <u>- Biomorphic ponds</u> <u>- FAC Neutral</u>
Sapling/Shrub Stratum				
1. <u>Rhamnus cathartica</u>				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <u>Carex vulpinoidea</u>	<u>X</u>		<u>FACW</u>	
2. <u>Lythrum salicaria</u>			<u>OBL</u>	
3. <u>Proxys penn. Cim</u>			<u>FACW</u>	
4. <u>Asclepias incarnata</u>			<u>OBL</u>	
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				
<u>Depression</u>				

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/18/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-119
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

swale construction

ADDITIONAL VEGETATION - Use scientific names of plants

		Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
Tree Stratum					<i>Shallow swale east of AMC building @ Membeum + Montrose</i>
1.					
2.					
3.					
4.					
5.					
Sapling/Shrub Stratum			= Total Cover		Other Notes <i>- Barnyard grass - dominant</i> <i>- about 2-4 ft in width</i> <i>- 40% slope on left</i> <i>~ 30% " on right</i> <i>- Drainage swale</i>
1.					
2.					
3.					
4.					
5.					
Herb Stratum			= Total Cover		
1.	<i>Echinochloa crus-galli</i>	<i>X</i>		<i>FACW</i>	
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
Wood Vine Stratum			= Total Cover		<i>Pics 2:15</i>
1.					
			= Total Cover		
Remarks: (Include photo numbers here or on a separate sheet.)					
<i>depression</i>					

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/19/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-121
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____

NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

clearly and grubbing over a portion of wetland; standing water in shall basin

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>Shallow basin at base of fallslope</i>
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes <i>- Receiver run off from F294 fallslope to south</i> <i>- no outlet to Crystal Creek</i> <i>- 1/2 Hydrogen Sulfide swell</i> <i>- Geomorphin position</i> <i>- small forested area dominated by buckthorn at north end.</i> <i>- standing water w/in</i> <i>- Abuts fence line</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <i>Phragmites australis</i>	X		FAEW	
2. <i>Spartina patens</i>	X		FAEW	
3. <i>Eupatorium serotinum</i>			FAEW	
4. <i>Rhynchospora alba</i>			FAE	
5. <i>Dipsacis spicata</i>			FAEW	
6. <i>Cyperus tenuiflorus</i>			OBL	
7. <i>Apocynum cannabinum</i>			FAE	
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				<i>Pics 12:30</i>
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

Crystal Creek - West Area

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/19/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-122
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Shallow depression

ADDITIONAL VEGETATION - Use scientific names of plants

	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
Tree Stratum				<i>At intersection Seymour Rd & Irving Park</i>
1.				
2.				
3.				
4.				
		= Total Cover		Other Notes <i>- large depressional area</i> <i>- Detention area?</i> <i>- no inlet culverts</i> <i>Observed solid</i> <i>- large areas of Phrag</i> <i>and</i> <i>- large areas of solid spikes</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
		= Total Cover		<i>- saturation at surface at east end w/in</i> <i>Eleocharis & Phrag</i> <i>- Boundary by top slope of Seymour Rd</i> <i>Avenue road to Silver Oak Res.</i> <i>Pics 3:50</i>
Herb Stratum				
1. <i>Eleocharis obtusa</i>	X		OBL	
2. <i>Phragmites australis</i>	X		FACW	
3. <i>Phalaris arundinacea</i>	X		FACW	
4. <i>Cyperus esculentus</i>			FACW	
5.				
6.				
7.				
8.				
9.				
10.				
		= Total Cover		
Wood Vine Stratum				
1.				
2.				
		= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/20/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-123
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM1/PFO

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☐, or Hydrology ☒ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Culvert crossing a gravel area road

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Pop. deltoides</i>	X		FAC	Between Stockpile and Mannheim Rd north of SE62 - Roadside Ditch
2.				
3.				
4.				
5.				
			= Total Cover	
Sapling/Shrub Stratum				Other Notes - 12" culvert under heavy rocks connects to SE62 - Wetland extends north - open standing water - gets run off from stockpile and roadside drainage (silt fence along east side) Pics 10:40
1. <i>Rhamnus cathartica</i>			FAC	
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <i>Cyperus tenuifolius</i>	X		OBL	
2. <i>Echinochloa crus-galli</i>			FACW	
3. <i>Juncus torreyi</i>			FACW	
4. <i>Rumex crispus</i>			FAC	
5. <i>Phragmites australis</i>	X		FACW	
6. <i>Aster subulatus</i>			OBL	
7. <i>Sol. serotinus</i>			FACW	
8. <i>Alisma subcordatum</i>			OBL	
9. <i>Juncus acutiflorus</i>			FACW	
10. <i>Eleocharis palustris</i>			OBL	
11. <i>Apocynum cannabinum</i>			FAC	
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/20/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-124
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PFO

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1. <i>Pop deltoides</i>	X		FAC	Shallow depression w/ standing water at base of stockpile at Crystal Creek
2. <i>Ulmus americana</i>	X		FACW	
3. <i>Rhamnus cathartica</i>			FAC	
4.				
5.				
= Total Cover				
Sapling/Shrub Stratum				Other Notes
1. <i>Rhamnus cathartica</i>			FAC	<ul style="list-style-type: none"> - Most bare soil at South end - standing water - closed depression - at fence line w/ I294 - Shrimping soil from Stockpile - end I294 construction
2.				
3.				
4.				
5.				
= Total Cover				
Herb Stratum				
1. <i>Phragmites australis</i>	X		FACW	Area on east <ul style="list-style-type: none"> - traps water between - no outlet - Extends along base of stockpile
2. <i>Phalaris arundinacea</i>	X		FACW	
3. <i>Scl. sempervivens</i>			FACW	
4. <i>Ambrosia artemisiifolia</i>			FACU	
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
= Total Cover				
Wood Vine Stratum				
1.				Pics 3:20
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

depression
Forested wetland

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/19/2019
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-125
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____

NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				Shallow depression near toll plaza and service road along Mannheim.
2.				
3.				
4.				
5.				
= Total Cover				Other Notes - large dead tree at edge - Depleted Dark Surface F7 - Geomorphic position - FAC Neutral
Sapling/Shrub Stratum				
1. <i>Rhamnus cathartica</i>			FAC	
2.				
3.				
= Total Cover				- Adjacent to old wetland SE01
Herb Stratum				
1. <i>Phragmites australis</i>	X		FACW	
2. <i>Reed</i>	X		FACW	
3. <i>Sol. Sempervivens</i>			FACW	
4.				
5.				
6.				
7.				
8.				
9.				
= Total Cover				
Wood Vine Stratum				Pics 4:00
1.				
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)
 Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/23/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-126
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed? mower ruts; area is mown regu

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<u>West of Mannheim Rd</u> <u>in I-90 East Ramp</u> <u>Roadside ditch</u>
2.				
3.				
4.				
5.				
= Total Cover				Other Notes <u>Heavy rain storm</u> <u>day and night before</u> <u>standing water</u> <u>Geomorphic position</u> <u>FAC Neutral</u> <u>Road drain inputs</u>
Sapling/Shrub Stratum				
1.				
2.				
3.				
= Total Cover				<u>Depleted matrix</u> <u>Depleted Dead Surface</u> <u>Depleted below dead surface</u> <u>F3, F6, A11</u> <u>Dep inlet at south end</u> <u>Flows south</u> <u>Pics ~ 10:30</u>
Herb Stratum				
1. <u>Echinochloa crus-galli</u>			<u>FAEW</u>	
2. <u>Bearded sparganium</u>	<u>X</u>		<u>FAEW</u>	
3. <u>Sol. peruviana</u>			<u>FAEW</u>	
4. <u>Hordeum jubatum</u>			<u>FAC</u>	
5. <u>Syntherisma subulatum</u>			<u>OBL</u>	
6. <u>Polypodium virginicum</u>			<u>OBL</u>	
7. <u>Phragmites australis</u>			<u>FAEW</u>	
8.				
9.				
10.				
= Total Cover				
Wood Vine Stratum				
1.				
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/23/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SEM-127
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

area mown; underground utility, construction

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>Shallow depression at end of parking lot; under ATS line</i>
2.				
3.				
4.				
5.				
= Total Cover				Other Notes <i>- Standing water</i> <i>- geomorphic position</i> <i>- FAC - Neutral</i> <i>- Regulated Matrix</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
= Total Cover				<i>Pics</i>
Herb Stratum				
1. <i>Elymus canadensis</i>	<i>X</i>		<i>OBL</i>	
2. <i>Typha angustifolia</i>			<i>OBL</i>	
3. <i>Beard's Grass</i>			<i>FAW</i>	
4. <i>Hordeum jubatum</i>			<i>FAC</i>	
5. <i>Spartina angustata</i>			<i>FACW</i>	
6. <i>Echinochloa crus-galli</i>			<i>FACW</i>	
7.				
8.				
9.				
10.				
= Total Cover				
Wood Vine Stratum				
1.				
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

Heavy rainstorm night before Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/23/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: NE19-128
 Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

main; roadside ditch

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				- Swale at entrance ramp to I190E - Northbound near RR bridge
2.				
3.				
4.				
5.				
= Total Cover				Other Notes - depression - granular position - FAC - Neutral - standing water - 2cm mud - depleted matrix - Redox dark surface
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
= Total Cover				
Herb Stratum				
1. <i>Phragmites australis</i>			FACU	
2. <i>Typha angustifolia</i>			OBL	
3. <i>Peltandra obtusa</i>			OBL	
4. <i>Poa pratensis</i>			FAC	
5. <i>Silene spaldingii</i>			FACU	
6.				
7.				
8.				
9.				
10.				
11.				
12.				
= Total Cover				
Wood Vine Stratum				Pics 5:05
1.				
2.				
= Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

*Heavy rain storm night before
Depression*

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD)City/County: DuPage/CookSampling Date: 9/23/19Applicant/Owner: City of ChicagoState: IllinoisWetland #: SE19-129Investigator(s): Brauna Hartzell, Kim Shannon, Mead & Hunt, Inc

Section, Township, Range: _____

NWI classification: PEMAre climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?parts of area mown; rutting

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<u>swale along off ramp</u> <u>light pole in middle</u>
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes <u>Redox dark surface</u> <u>standing water</u> <u>biomphor pos.</u> <u>FAC-Neutral</u> <u>Drop Inlet further to east; does not join</u>
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1.	<u>Typha angustifolia</u>	<u>X</u>	<u>OBL</u>	
2.	<u>Echinochloa crus-galli</u>		<u>FACW</u>	
3.	<u>Veronica hastata</u>	<u>X</u>	<u>FACW</u>	
4.	<u>Paspalum laterale</u>		<u>FACW</u>	
5.	<u>Phalaris arundinacea</u>		<u>FACW</u>	
6.	<u>Rumex crispus</u>		<u>FAC</u>	
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)				
<u>Heavy Rainstorm night before Depression</u>				

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/23/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-130
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Ru Aug; part of area mown

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				- <i>Bloodsuck ditch</i> along off <i>Manhuni</i> North off ramp to I190
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes - <i>d quercus</i> - <i>drop inlet in middle</i> - <i>very eroded</i> - <i>road drain flows into at south end</i> - <i>Redox dark surface</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
			= Total Cover	- <i>standing water</i> - <i>geomorphic ponds</i> - <i>FAC Neutral</i>
Herb Stratum				
1.			FACW	
2.			FAC	
3.			FAC	
4.			FACW	
5.			FACW	
6.			OBL	
7.			OBL	
8.			OBL	
9.			OBL	
10.				Pics 5:40
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

*Heavy rain storm night before
Depression*

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/24/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-131
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				- long ditch along Benji Coleman Dr, south of Employee Pkng Lot
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes - no inlet culvert at north end (apparent) - Shallow swale - Geomorph pos. - FHC Neutral - No outlet culvert - hse
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <i>Typha angustifolia</i>	X		OB	
2. <i>Phragmites australis</i>	X		FACW	
3. <i>Eupatorium serotinum</i>			FACW	
4. <i>Symphyc. subulatum</i>			OB	
5. <i>Phalaris arundinacea</i>			FACW	
6. <i>Cirsium arvense</i>			FACW	
7. <i>Eupatorium altissimum</i>			FACW	
8. <i>Apocynum cannabinum</i>			FAC	
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				Pics 8:00
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/24/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-132
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____

NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

*Area is mown, Mower ruts
SW ab construction/Landscaping*

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>- Landscaped area near terminal 5</i>
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes <i>- Swale that drains to south end flattens out to wet</i> <i>- Culvert at SE end</i> <i>- Standing water and saturation</i> <i>- Redox dark Surface</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <i>Typha angustifolia</i>			OBL	
2. <i>Eleocharis obtusa</i>	X		OBL	
3. <i>Echinochloa crus-galli</i>	X		FACW	
4. <i>Persicaria maculata</i>			FACW	
5. <i>Cyperus esculentus</i>			FACW	
6. <i>Cyperus ()</i>	X			
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				
1.				<i>Pics 8:35</i>
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/24/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SEM-133
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: DEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed? area is mown, road construction

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				- Roadside ditch wetland - near Terminal 5 along Airport Exit Rd and Bessie Coleman
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes - Depression - Geomorphic point - FAC Neutral
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <i>Phalaris arundinacea</i>	X		FACW	
2. <i>Echinochloa crus-galli</i>	X		FACW	
3. <i>Cyperus esculentus</i>			FACW	
4. <i>Rhus glabra</i>			OBL	
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				Pics 10:01
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/24/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-134
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed?

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

Area mown; swale construction regularly

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				<i>- Shallow depression</i> <i>- near Terminal 5, North of Bessie Coleman & Airport exit road</i>
2.				
3.				
4.				
5.				
			= Total Cover	Other Notes <i>- Depleted Mator</i> <i>- Geomorphing</i> <i>- FAC Neutral</i> <i>- Standing water</i>
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
			= Total Cover	
Herb Stratum				
1. <i>RLG</i>	<i>X</i>		<i>FACW</i>	
2. <i>Cyperus esculentus</i>			<i>FACW</i>	
3. <i>Echinochloa crus-galli</i>			<i>FACW</i>	
4. <i>Elevcharis obtusa</i>	<i>X</i>			
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
			= Total Cover	
Wood Vine Stratum				<i>Pics 11:00</i>
1.				
2.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

Depression

WETLAND DETERMINATION SUPPLEMENTAL FORM

Project/Site: Chicago O'Hare International Airport (ORD) City/County: DuPage/Cook Sampling Date: 9/24/19
 Applicant/Owner: City of Chicago State: Illinois Wetland #: SE19-135
 Investigator(s): Brauna Hartzell, Kim Shannon, Conor Makepeace, Mead & Hunt, Inc. Section, Township, Range: _____
 NWI classification: PEM

Are climatic hydrologic conditions on the site typical for this time of year? Yes ☐ No ☐ (If no, explain in Remarks.)

Are Vegetation ☒, Soil ☒, or Hydrology ☐ significantly disturbed? Area mown regularly; restrictive layer at about 8"
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic?

ADDITIONAL VEGETATION - Use scientific names of plants

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	General location within wetland
1.				- Shallow depression basin at base of fill slope + intersection of Bessie Coleman + Airport East road
2.				
3.				
4.				
5.				
		= Total Cover		Other Notes - Recedes rear off from pavement area to east via some rip rap-lined drain - Restrictive layer at about 8" - 3 plugs encountered - some redox development but couldn't dig further - Shady area - Geomys ph. fortis - FAC - Neutral Pics 11:15
Sapling/Shrub Stratum				
1.				
2.				
3.				
4.				
5.				
		= Total Cover		
Herb Stratum				
1. <i>Phalaris arundinacea</i>	X		FACW	
2. <i>Echinochloa obtusa</i>			OBL	
3. <i>Cyperus rostratus</i>			FACW	
4. <i>Diplazium acrostichum</i>	X		FACW	
5. <i>Elymus don crus-galli</i>	X		FACW	
6. <i>Pennisetum maculatum</i>			FACW	
7.				
8.				
9.				
10.				
11.				
12.				
		= Total Cover		
Wood Vine Stratum				
1.				
2.				
		= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

Near Helipad (West of)
Depression